CPE 460 Quiz 04: IPC Using Shared Memory

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Complete the code in the table below to synchronize the two processes P_1 and P_2 to produce the output shown below. You synchronization mechanism **must** utilize a *shared memory*. For that purpose, assume that there is a shared memory already created and attached with a reference pointer named `num`.

```
1
A
2
B
3
C
4
D
5
E
```

Process P_1	Process P_2

<pre>void main(){
    int *num;
    //code to create/attach shared memory
    int i;
    for(i = 1; i <= 5; i++){
 	
        printf("%d\n", i);
 	
    }
}</pre>
	<pre>void main(){
	    int *num;
	    //code to create/attach shared memory
	    char ch;
	    for(ch = 'A'; ch <= 'E'; ch++){
	
	        printf("%c\n", ch);
	
	    }
	}</pre>